

Resistance Test Vector

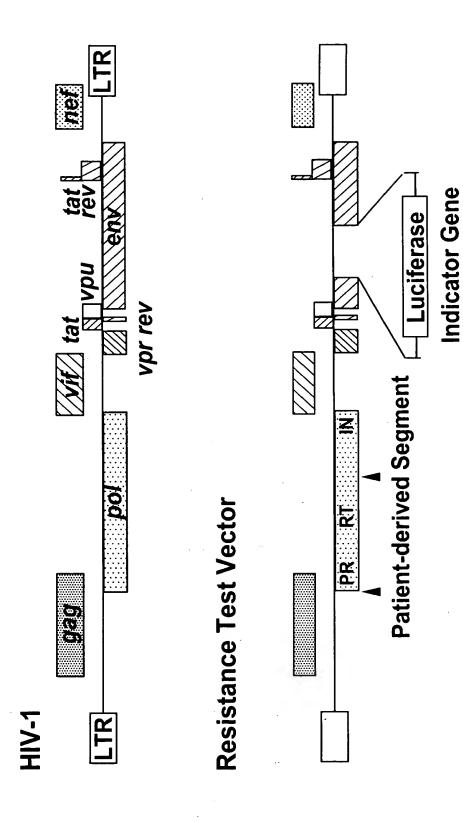


Fig. 1



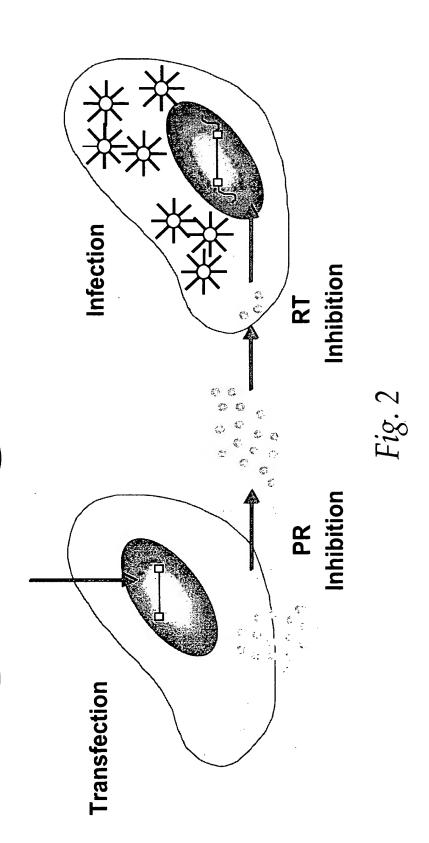
Two Cell Assay

A-MLV env

Resistance Test Vector

DNA

DNA





Drug Resistance: NRTI, NNRTI, PI

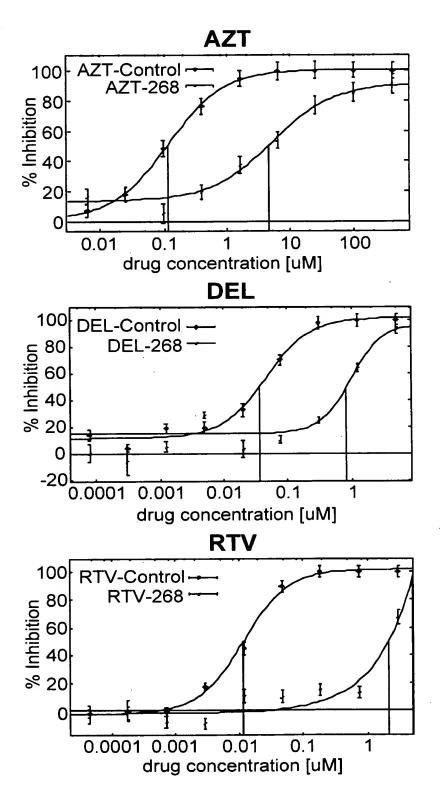
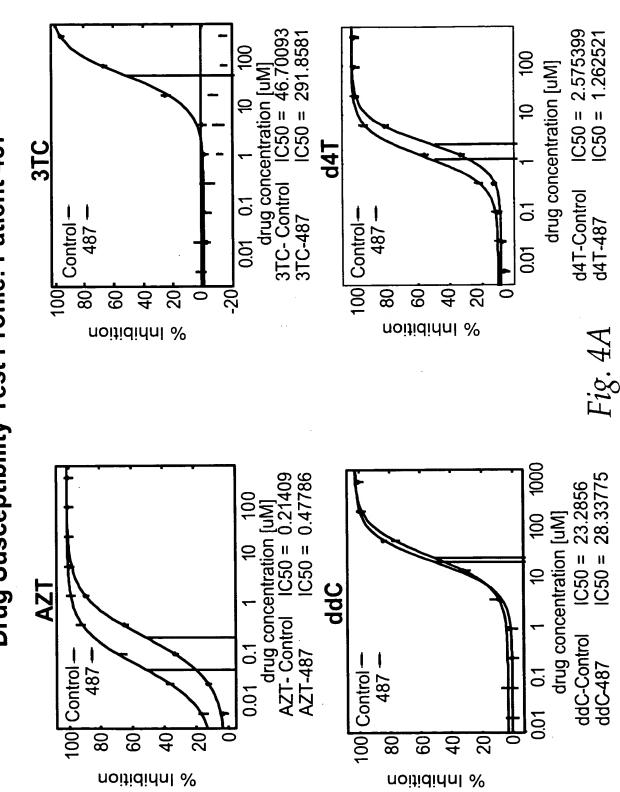


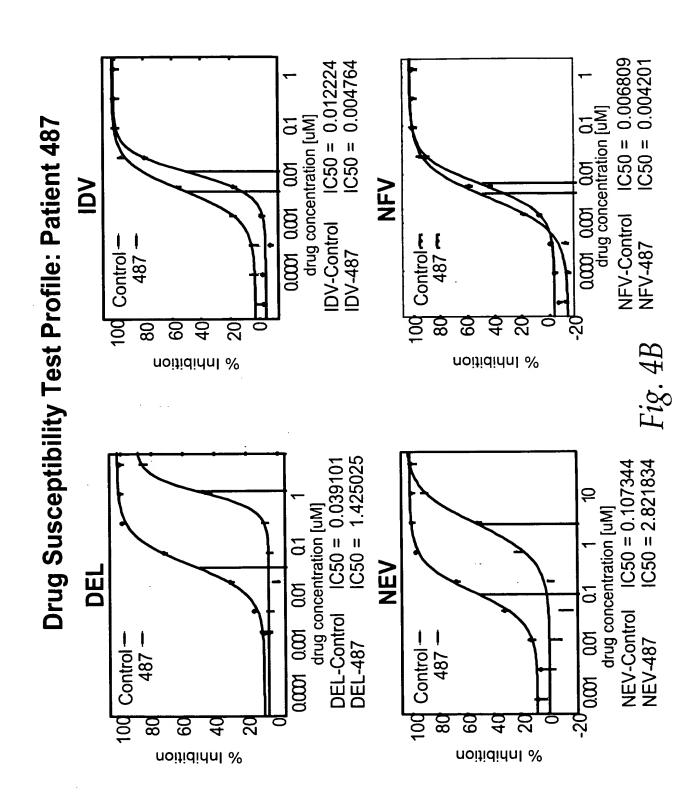
Fig. 3



Drug Susceptibility Test Profile: Patient 487







|C50 = 0.021119|C50 = 0.010849

drug concentration [uM]
RTV-Control | IC50 = 0.021
RTV-487 | IC50 = 0.0108

0.0001 0.001 0.01



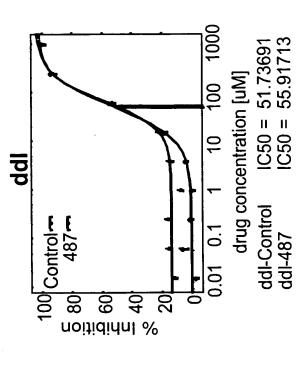
Drug Susceptibility Test Profile: Patient 487

RTV

487 —

noitididnl % 8 8 4 8

100 Control-



SQV-Control IC50 = 0.004191 SQV-487 IC50 = 0.001443 drug concentration [uM] 0.0 SQV 0.0001 0.001 Control 487 moitididnl % 8 8 4 8

Fig. 4C



Drug Susceptibility Test Profile: Site Directed Mutants

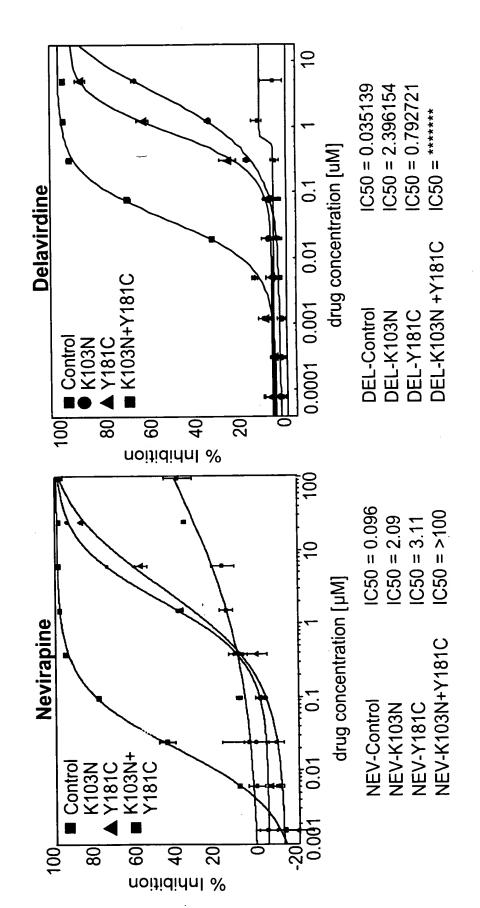
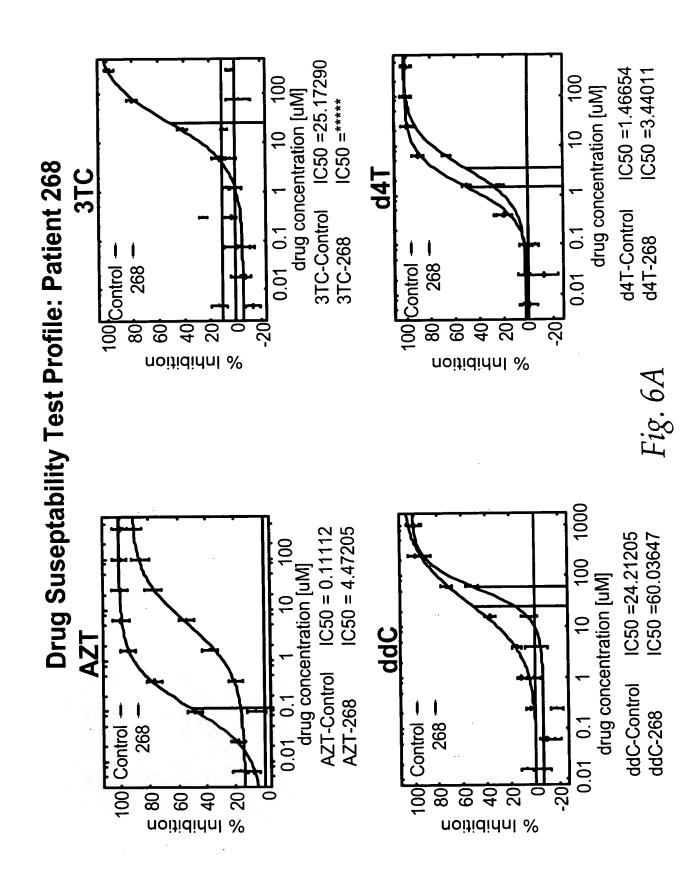
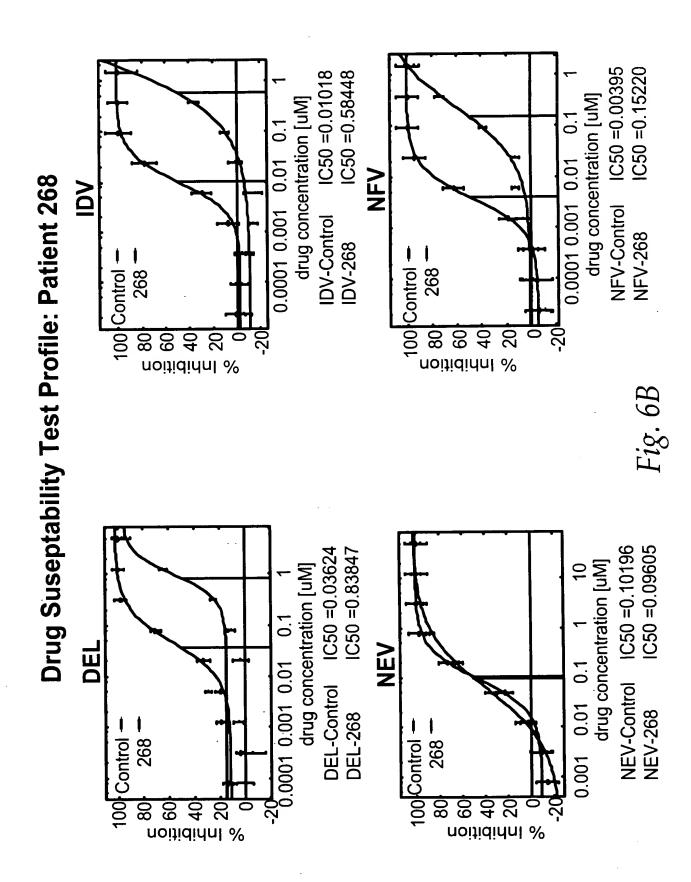


Fig. 5

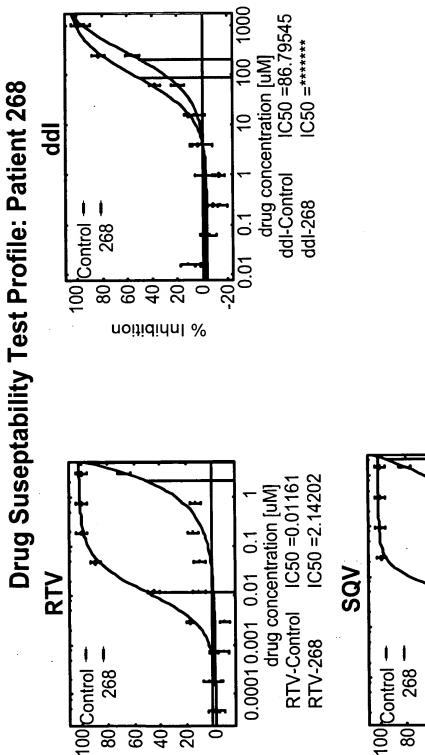








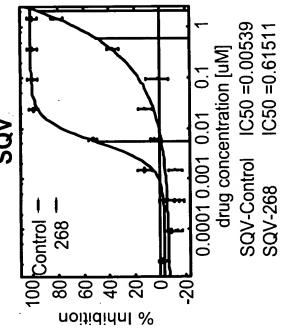




40

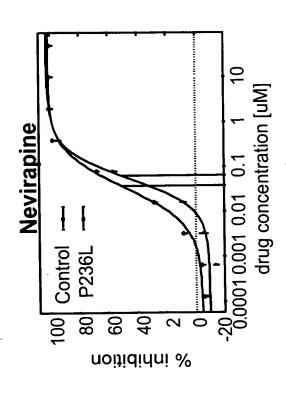
moitididnl %

Fig. 6C





Drug Susceptibility Test Profile: Site Directed Mutants



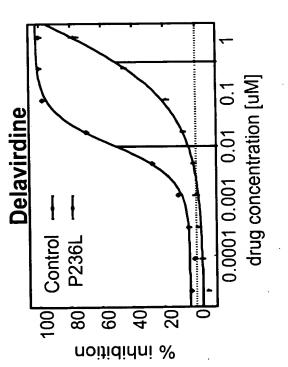
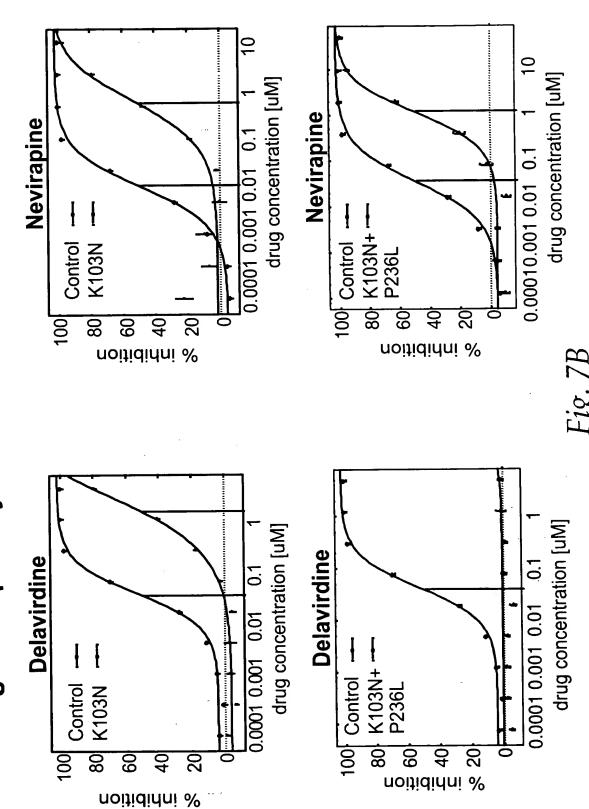


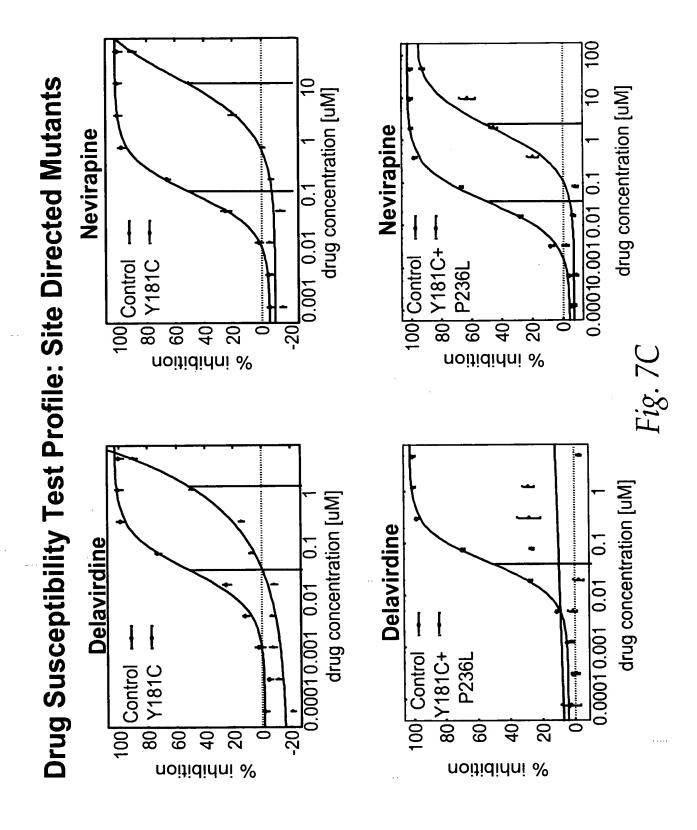
Fig. 7A



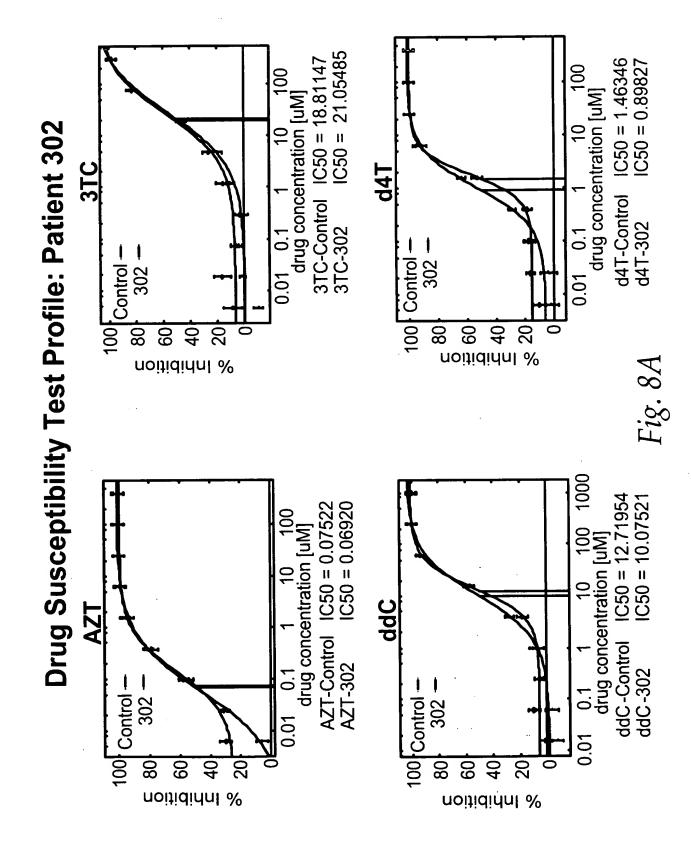
Drug Susceptibility Test Profile: Site Directed Mutants





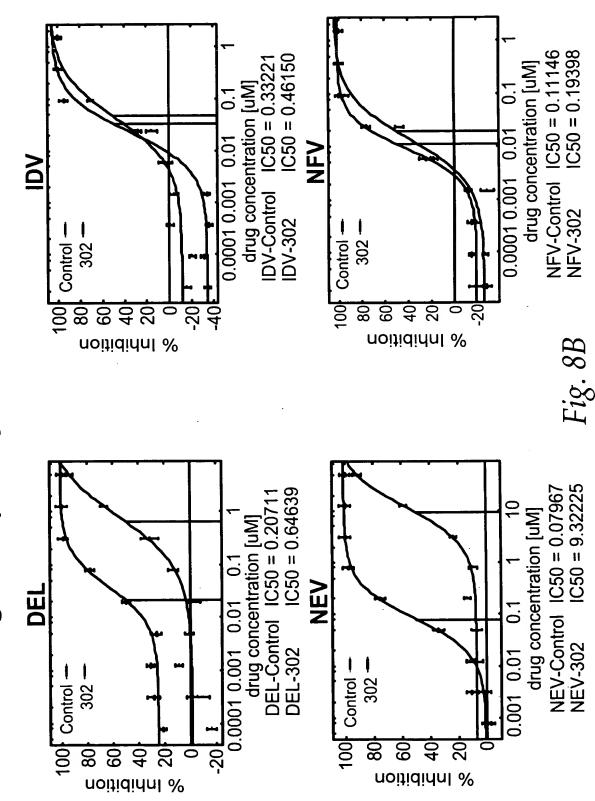




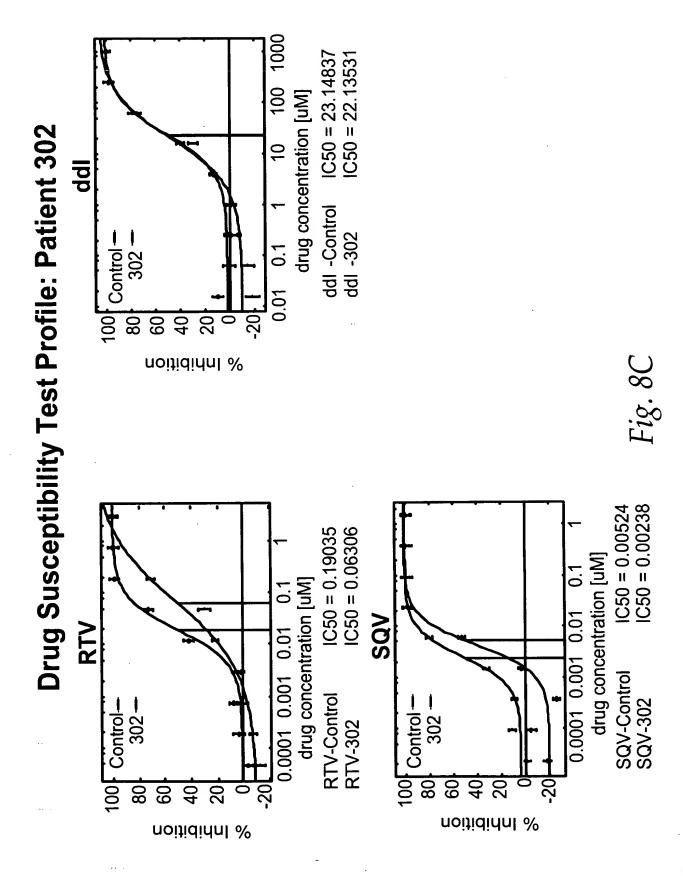




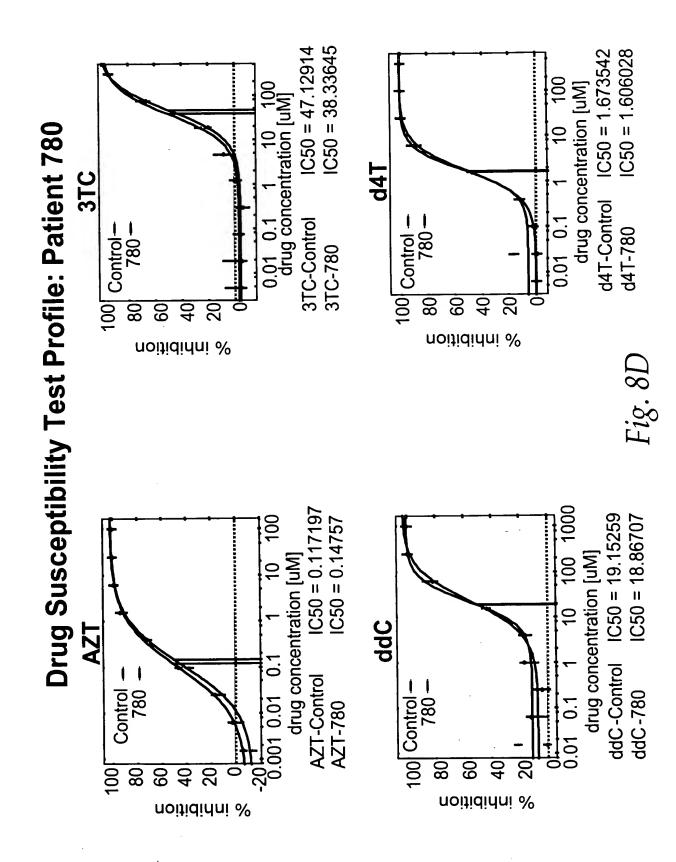




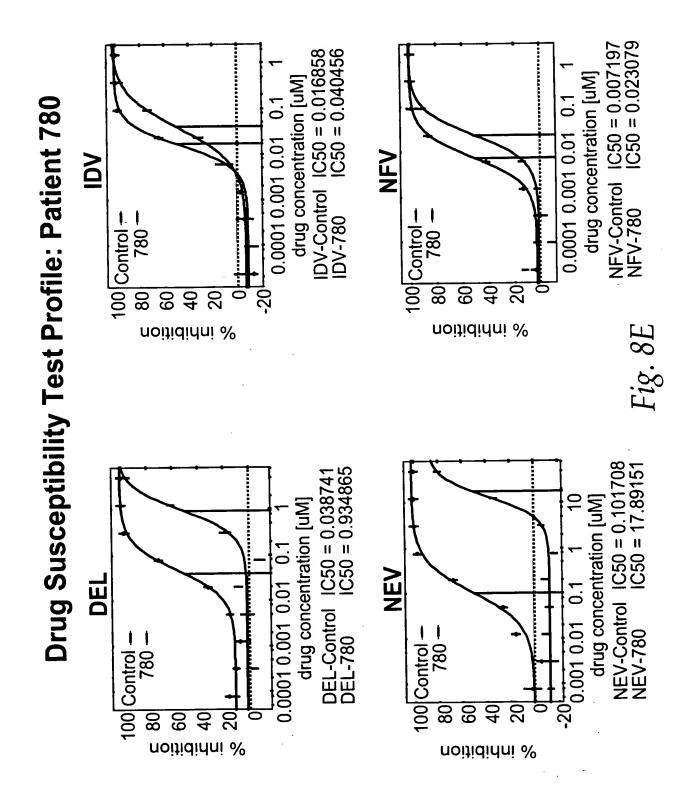






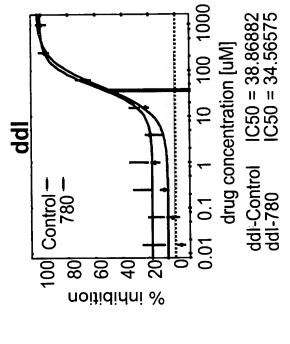


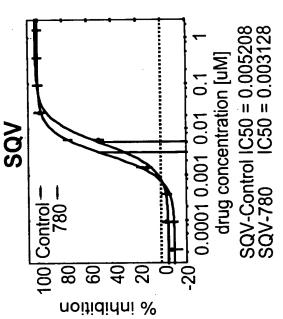






Drug Susceptibility Test Profile: Patient 780





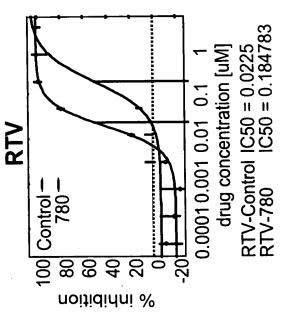
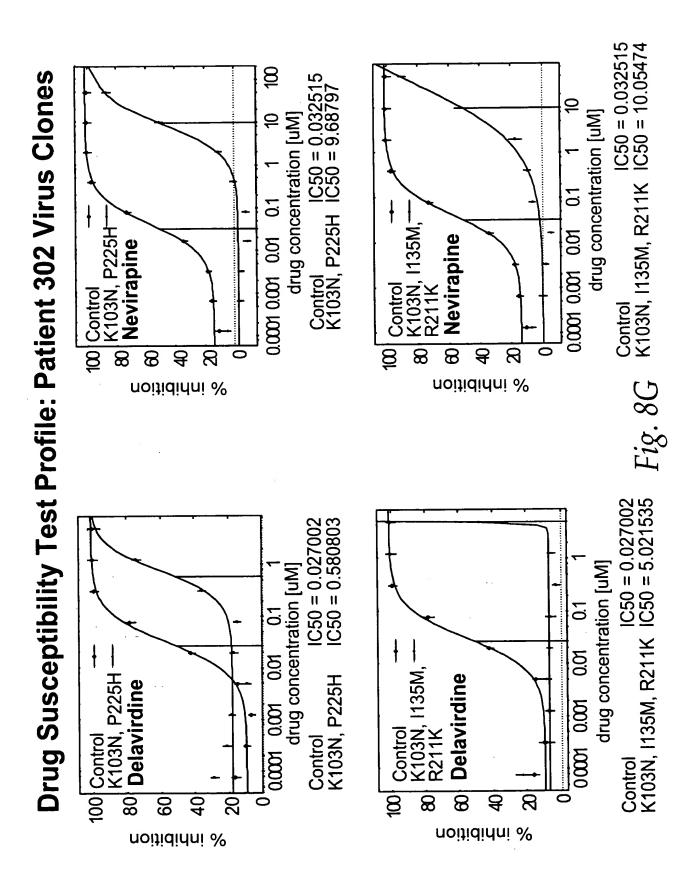


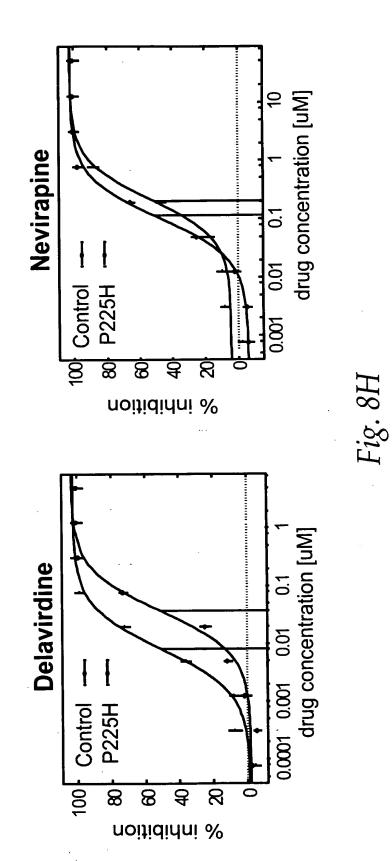
Fig. 8F



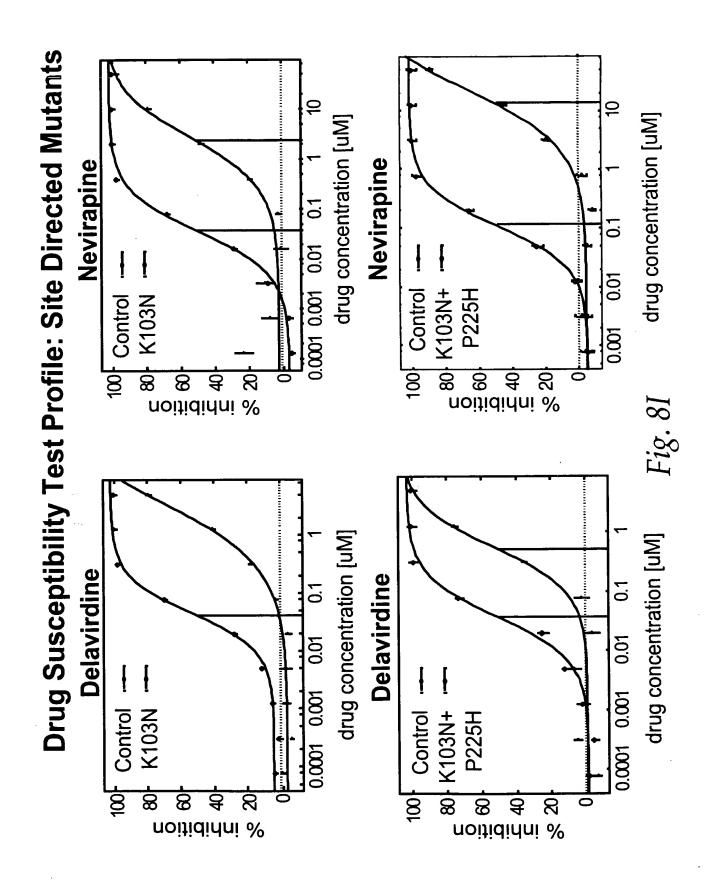




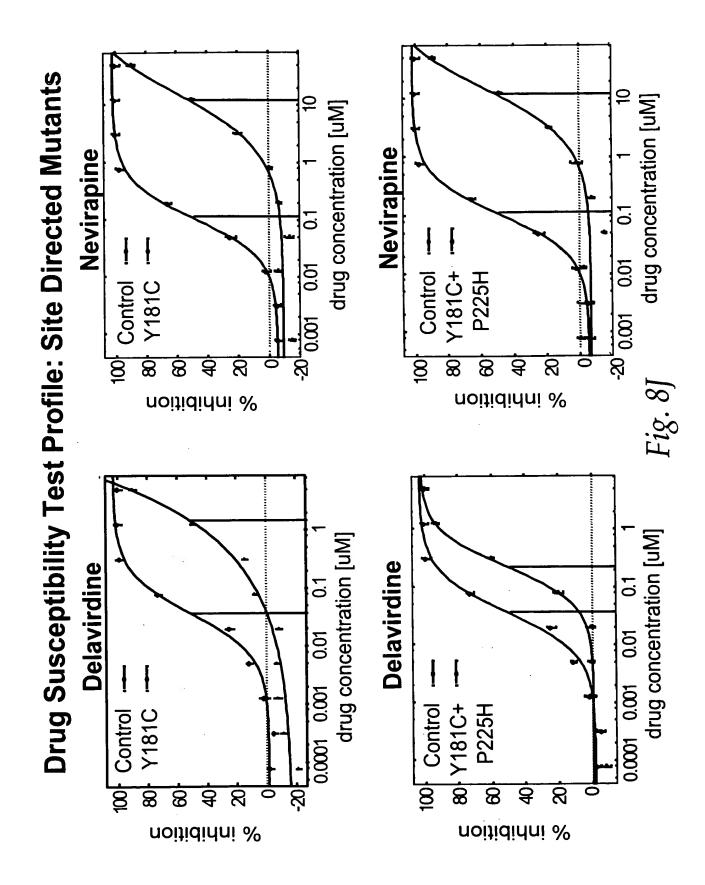
Drug Susceptibility Test Profile: Site Directed Mutants



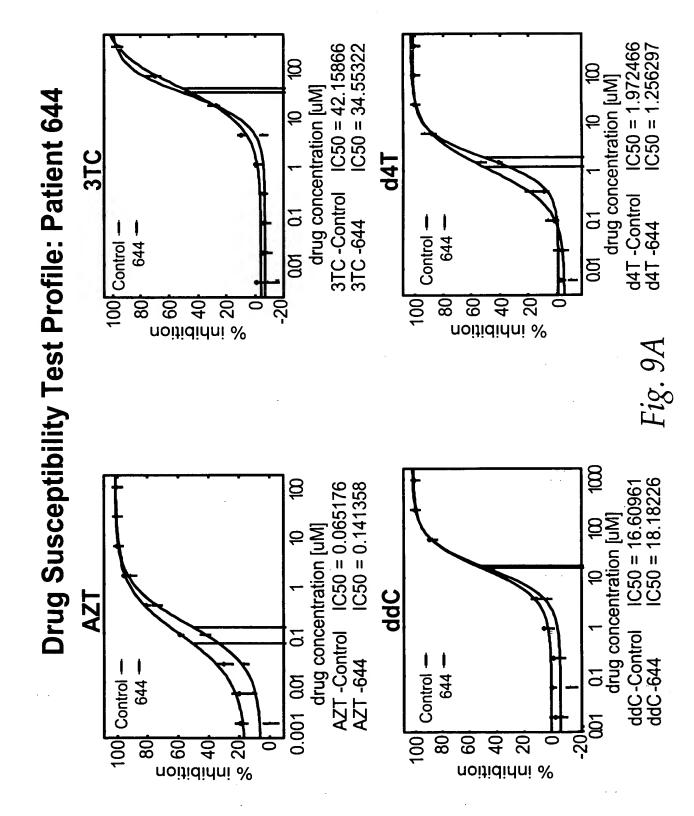




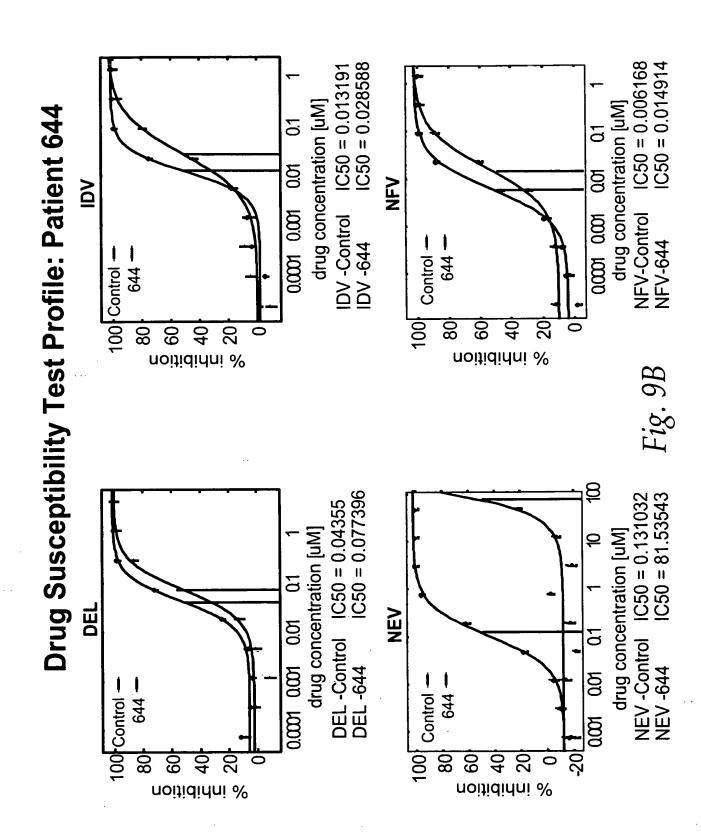












drug concentration [uM]

0.1

0.0001 0.001 0.01



Drug Susceptibility Test Profile: Patient 644

RTV

100 Control —

80

9

noitidinni % 8 8 8 8

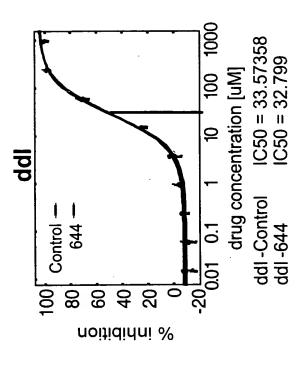


Fig. 9C

